ABSTRACT

The rapid development of digital technology has driven innovation in healthcare services, particularly in the detection and diagnosis of skin diseases. This research discusses the implementation of UI/UX design in the development of an Android-based application to support skin disease detection and diagnosis using the Prototype method. The application is designed to enhance user experience through an intuitive, informative, and accessible interface. The research follows several stages, including user needs analysis, wireframe design, prototype testing, and usability testing evaluation. The UI/UX design focuses on simple navigation, responsive visual elements, and the integration of supporting technologies such as Figma, Canva, Maze, and Android Studio. Testing results indicate that the implemented design improves user interaction efficiency, information clarity, and overall user satisfaction. By employing an iterative approach in design development, this application is expected to provide an innovative solution for individuals to independently detect skin diseases. The research concludes that the Prototype method is effective in producing an adaptive UI/UX design that meets user needs and enhances the accuracy and reliability of the diagnosis provided by the application.

Keywords: *Application, Mobile, Design, Analysis, Detection, Diagnosis, Skin Diseases, UI, UX*